

5        WHAT IS CLAIMED IS:

1.      A counterfeit detection viewer apparatus for detecting security markings in paper currency and like documents having security markings, comprising:

- a) a housing having a detection opening for receiving the document to be inspected and a viewing opening with a magnifying glass for inspecting the document;
- b) a UV light fixture mounted in said housing having a UV fluorescent lamp for projecting UV light rays toward said detection opening and the document to be inspected;
- c) means for activating said UV fluorescent lamp prior to inspecting the document through said detection opening; and
- d) a slide out tray in said housing for guiding the document toward said UV fluorescent lamp and which is removable for replacing said UV fluorescent lamp.

15        2.      A counterfeit detection viewer apparatus in accordance with Claim 1, further including reflector means mounted within said UV light fixture to reflect said UV light rays toward said detection opening, and wherein said reflector means is made of silverized plastic, polished metal, a reflective metallic finish or a painted reflective finish.

20        3.      A counterfeit detection viewer apparatus in accordance with Claim 1, wherein said UV fluorescent lamp is not more than .5 cm from said document.

5           4. A counterfeit detection viewer apparatus in accordance with Claim 1, wherein  
said means for activating said UV fluorescent lamp includes a switch located on said  
housing.

10          5. A counterfeit detection viewer apparatus in accordance with Claim 1, wherein  
said means for activating said UV fluorescent lamp includes a battery compartment for  
receiving one or more batteries for generating electrical current.

6. A counterfeit detection viewer apparatus in accordance with Claim 1, wherein  
said means for activating said UV fluorescent lamp includes an electrical cord and plug for  
receiving electrical current.

15          7. A counterfeit detection viewer apparatus in accordance with Claim 1, wherein  
said housing is made of a plastic or a lightweight metal, and said magnifying glass is  
movable between different positions to avoid or reduce the reflection of ambient light.

8. A counterfeit detection viewer apparatus in accordance with Claim 1, wherein  
said UV fluorescent lamp has a length in the range of 6 cms to 18 cms.

5           9       A counterfeit detection viewer apparatus in accordance with Claim 1, wherein  
said U.V fluorescent lamp has a power rating specification in the range of 2 watts to 12 watts.

10          10.      A counterfeit detection viewer apparatus for detecting documents having security  
markings including paper currency, passports, credit cards, travelers checks, I.N.S. green  
cards, social security cards, and the like, comprising:

- 10           a) a housing having a detection opening for receiving the document to be  
inspected and a viewing opening for inspecting the document;
- b) a UV light fixture mounted in said housing having a UV fluorescent lamp for  
projecting UV light rays toward said detection opening and the document to be inspected;
- 15           c) means for activating said UV fluorescent lamp prior to inspecting the  
document through said viewing opening; and
- d) a slide out tray in said housing for guiding the document toward said UV  
fluorescent lamp and which is removable for replacing said UV fluorescent lamp.

11          11.      A counterfeit detection viewer apparatus for detecting documents having security  
markings in paper currency, passports, credit cards, travelers checks, I.N.S. green cards,  
social security cards, and the like, comprising:

- 20           a) a housing having an opening for receiving the document to be inspected and  
a magnifying viewing glass for inspecting the paper currency;

- 5                   b) a UV light fixture mounted in said housing having a UV fluorescent lamp for  
projecting UV light rays toward the document to be inspected;  
  
c) means for activating said UV fluorescent lamp prior to inspecting the  
document through said magnifying viewing glass; and  
  
d) means for removing said UV fluorescent lamp from said housing.

10                 12. A counterfeit detection viewer apparatus in accordance with Claim 11, wherein  
said UV fluorescent lamp is not more than .5 centimeters from said documents.